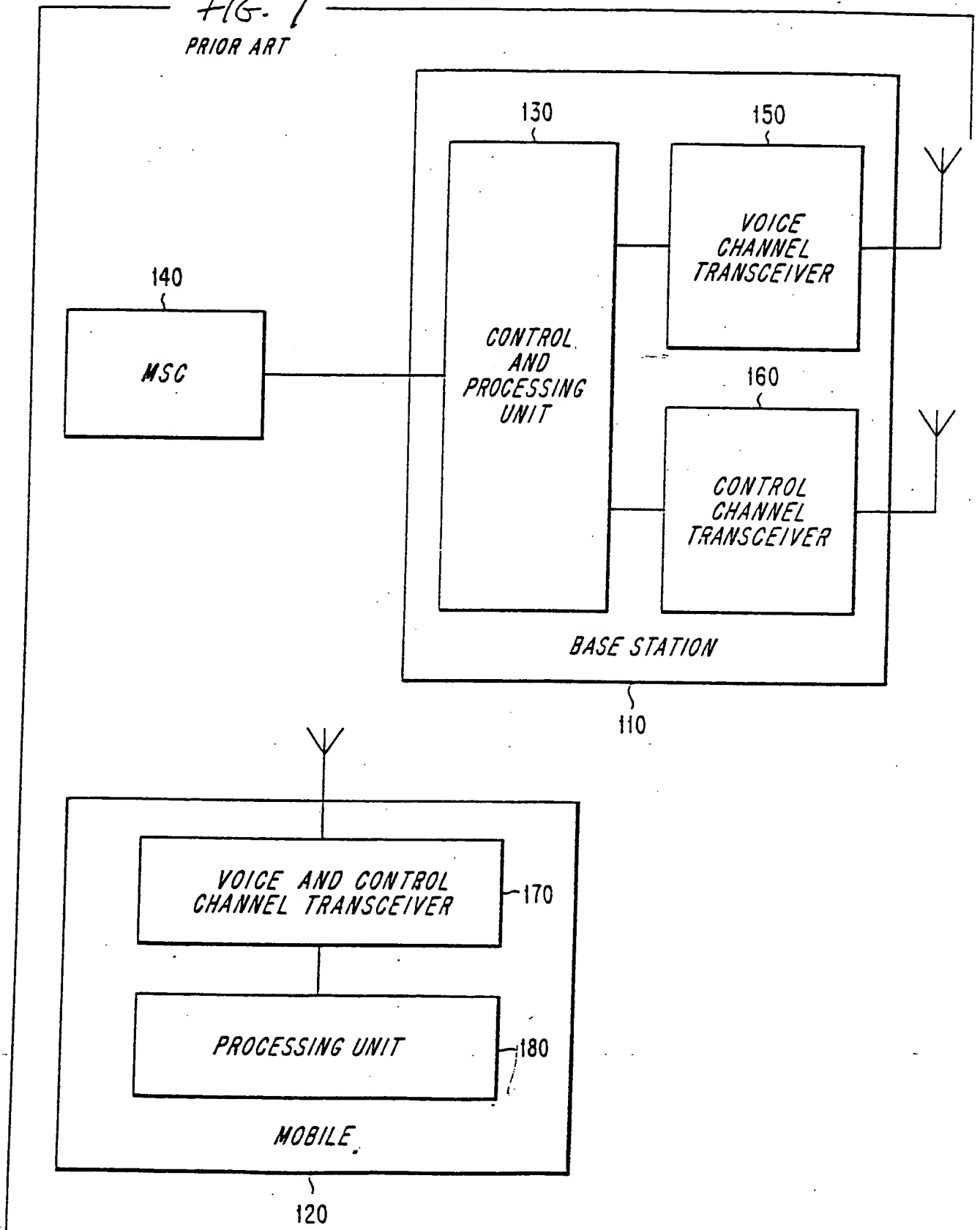


FIG. 1  
PRIOR ART



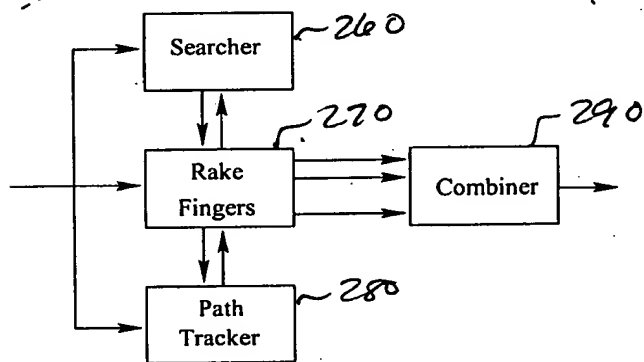
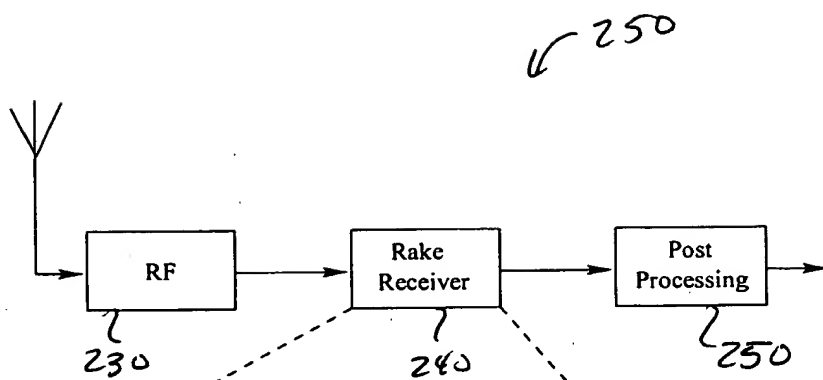
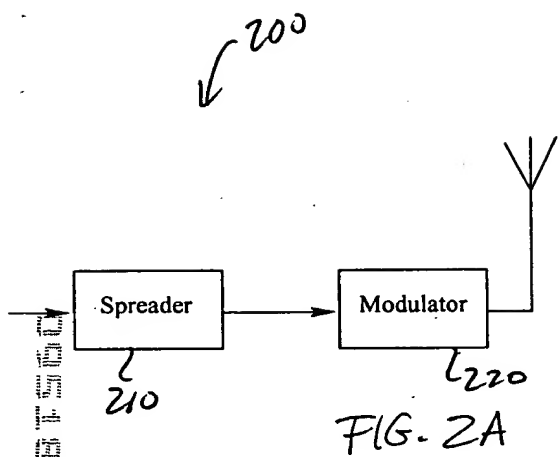


FIG. 2B



```

graph TD
    300[Calibration] --> 305[Average]
    305 --> 310{Averaging is adequate?}
    310 -- No --> 300
    310 -- Yes --> 315[k = 0]
    315 --> 320[loc. of most sig. path-ray]
    320 --> 325[shift by -M, ..., M and correlate]
    325 --> 330{correlate > thres.}
    330 -- Yes --> 335[adjust time reference]
    330 -- No --> 335[k = k + 1]
    335 --> 340{k <= N}
    340 -- Yes --> 345[remove most sig. path-ray]
    345 --> 320
    340 -- No --> 350[complete search]
    335 --> 360[path tracker]
    350 --> 360
    360 --> 300

```

FIG. 3